



Performer TWIN RADIO MIC

May we take this opportunity to thank you for purchasing this Twin Radio Microphone. We strongly suggest that you carefully study these instructions before attempting to operate the system, and that you note all the listed precautions.

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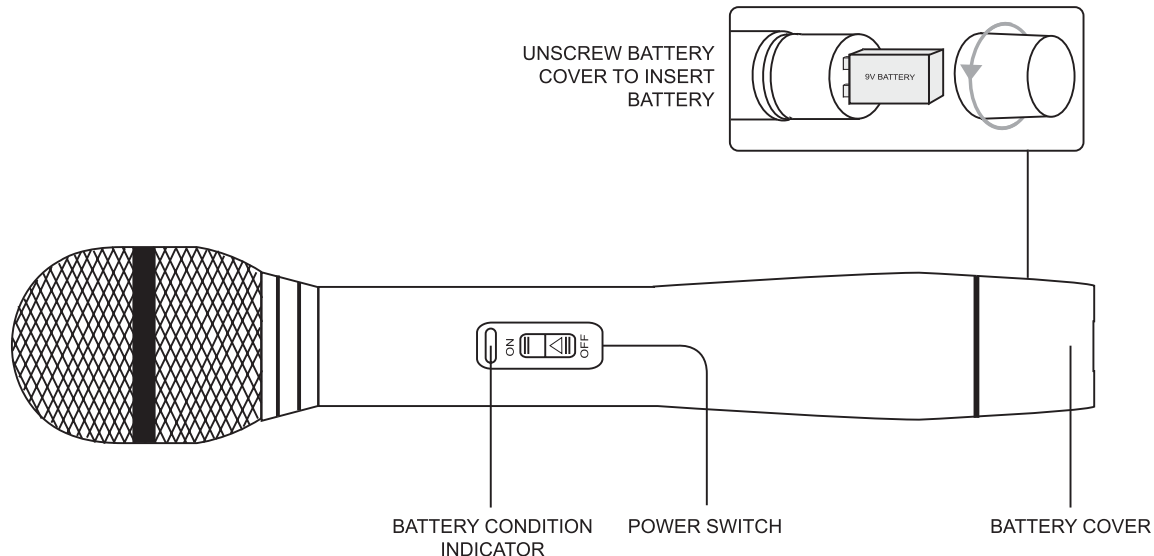
PRECAUTIONS

- For indoor use only, avoid exposure of the system to rain or moisture.
- Do not open, no user-serviceable parts inside the system. Refer all servicing to a qualified technician only.
- Handle the microphone carefully, dropping or other shocks may cause failure.
- Avoid using the system where it may be subjected to heat, such as in direct sunlight, near radiators or other heat sources. Do not place naked flame sources such as lighted candles on the appliance.
- This apparatus shall not be exposed to dripping and splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus. Should any liquid be spilled on the system, stop using it immediately. It may be possible to dry the system, but you should have it checked by a qualified technician before using it again.
- Take care with the mains power adapter and lead. If any part of the system is damaged in any way, do not use, and refer to a qualified technician for repair.
- Only use the system with the supplied AC/DC adapter and other supplied components, do not attempt to use with any other mains power supply adapter or microphone.
- If the system is not going to be used for a long time, unplug the mains adapter, and remove the batteries from the belt pack transmitter to prevent leakage. In the event of electrolyte leakage inside a battery compartment, carefully remove using a damp cloth. Take care not to get battery electrolyte in contact with your skin, however, if electrolyte comes into skin contact, wash your hands under a running tap. If electrolyte comes into contact with your eyes, seek medical advice immediately.
- Only replace the battery with the same or an equivalent type as specified.
- Please dispose of old, defective batteries in an environmentally friendly manner in accordance with the relevant legislation.
- Do not use any solvents to clean any part of the radio microphone system.
- Children do not recognise the risk of electrical appliances. Therefore use or keep the appliance out of reach from children.

Please Note:

- The Pop Idol Twin Radio Mic requires a separate amplifier and speakers to function.
- The Pop Idol Twin Radio Mic cannot be used in conjunction with Hi-fi units that do not have a microphone input.
- Two Pop Idol Twin Radio Mic units cannot be used together, as this could result in feedback and unnecessary distortion.

HAND-HELD MICROPHONE



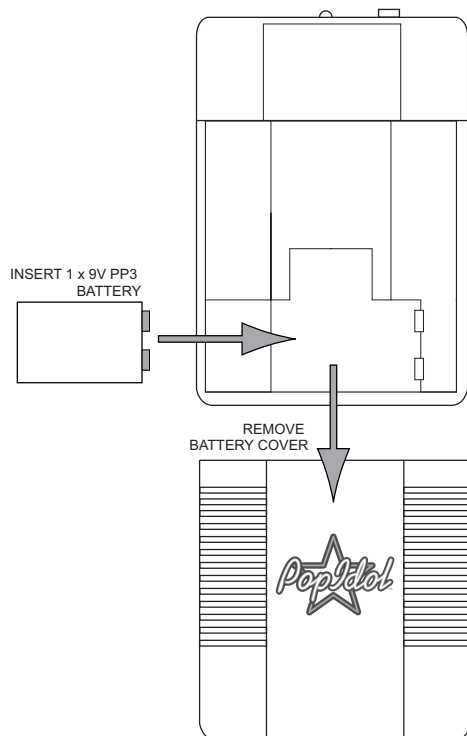
INSTALLING THE MICROPHONE BATTERY

- Unscrew the battery cover at the end of the microphone. Install one of the provided 9 volt batteries, taking care to fit it with the correct polarity connected.
- Check the battery by switching the microphone ON. The red LED will come on for one second and then go OFF, this indicates correct operation. If the red LED stays ON or is dim, this indicates the battery is low and should be changed. If the red LED does not come on at all check the battery is fitted in the correct position taking note of the polarity.

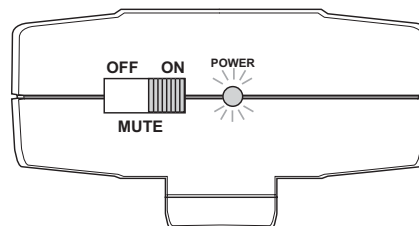
BELT PACK TRANSMITTER

This belt pack transmits the sound of your voice from the headset microphone to the receiver unit.

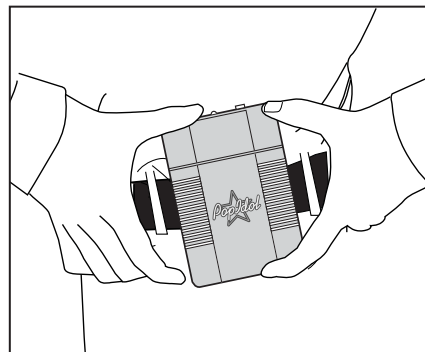
You must first fit the second supplied 9V PP3 battery by removing the battery cover (See diagram).



You can now check the battery in the belt pack by pushing the ON/OFF switch to the 'ON' position. The 'POWER' LED will now light up. If it does not light up or is very dim then this would indicate that the battery will need replacing.

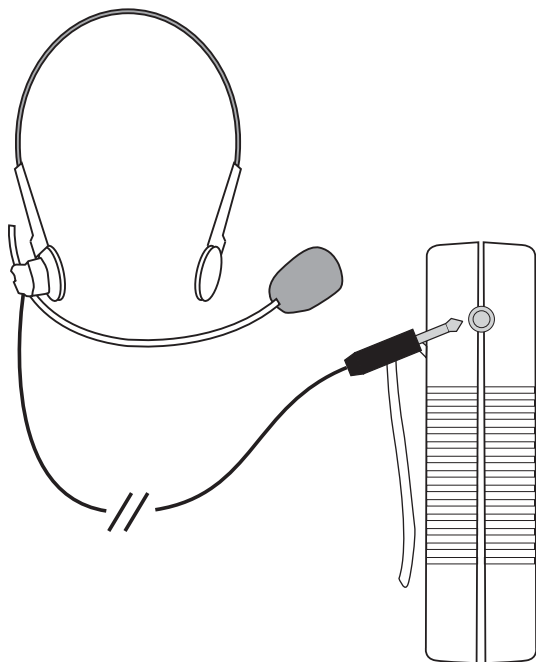


The belt pack can then be attached to your belt using the belt clip on the back of the unit.



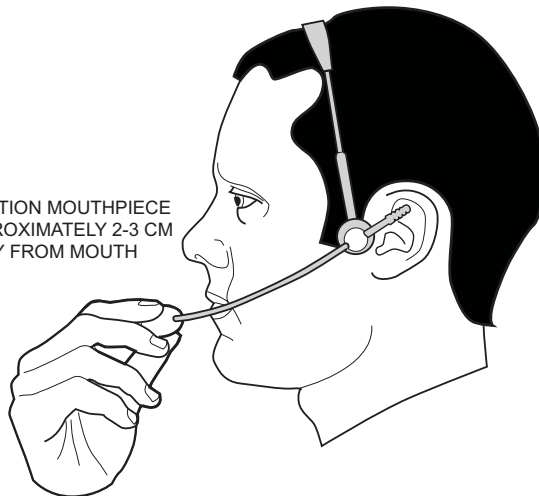
HEADSET MICROPHONE

Once you have fitted the battery you can then connect the headset microphone. Connect the 3.5mm jack socket on the cable extending from the headset microphone into the microphone socket.

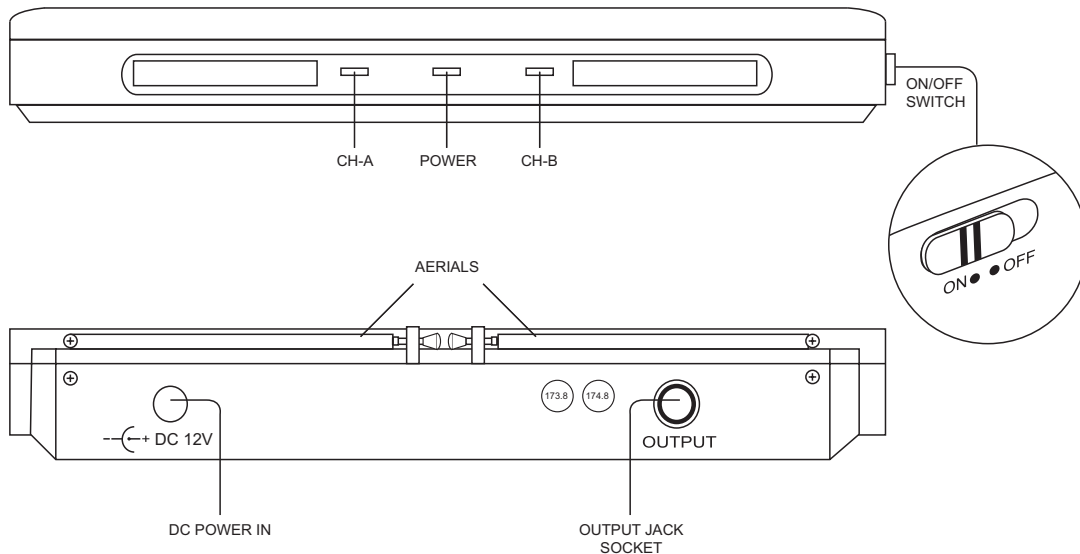


It is necessary to fit the boom mic onto the headset before placing on your head. Simply push the mic boom onto the side of the headset to locate it. Fit the headset to your head like you would with a head band. Position the microphone so that it is approximately 2-3 cm away from your mouth. Positioning the microphone too close to your mouth will result in distortion.

POSITION MOUTHPIECE
APPROXIMATELY 2-3 CM
AWAY FROM MOUTH



RECEIVER UNIT



OPERATION

Switch the radio microphone receiver unit ON using the slide switch, the POWER light will illuminate to show the receiver unit is working. Raise both aerials to their maximum height. The positioning of the aerials is not critical for performance, ideally both should be fully extended.

Switch on the microphone and belt pack transmitter, checking that the LED on the hand-held microphone comes on for a second and then turns off. When the microphones are ON, the CH-A and CH-B indicators will illuminate on the receiver unit.

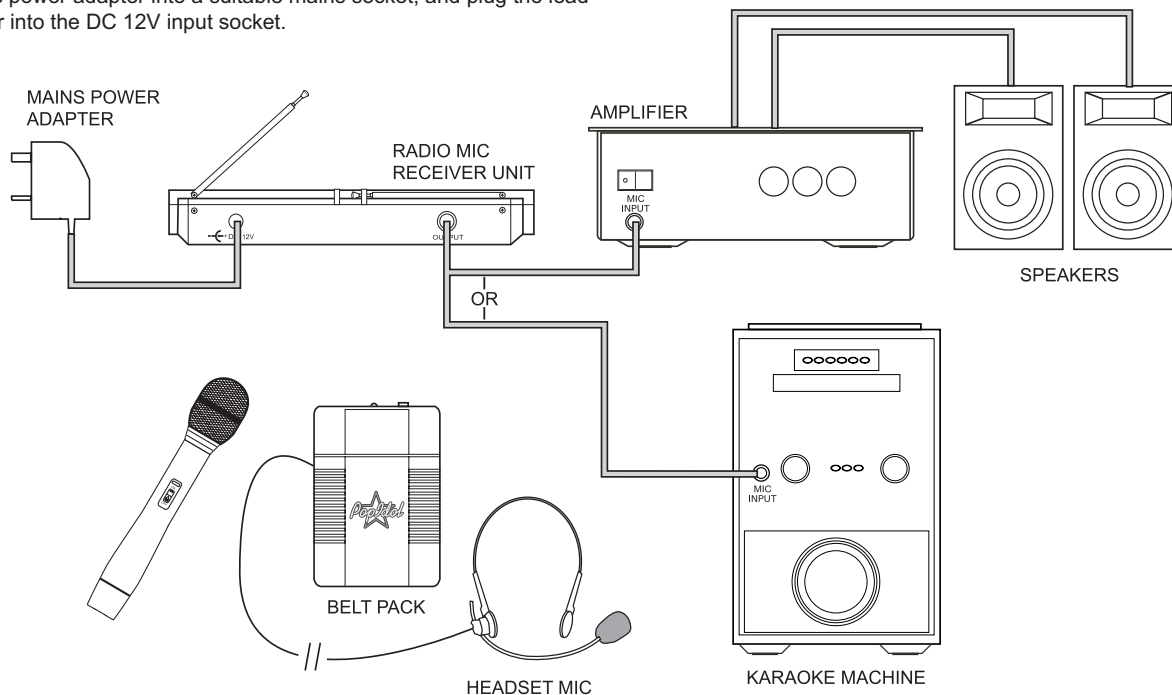
The radio microphones are now ready for use, adjust the volume and tone levels of your amplifier as required. When the radio microphones are not being used, turn the microphones OFF to preserve battery power.

NOTE: that switching the microphones on and off can cause interference that will be heard if the microphone volume level of the amplifier system is still set high.

INSTALLATION

TO CONNECT THE HEADSET RADIO MICROPHONES TO YOUR KARAOKE MACHINE OR AMPLIFIER SYSTEM:

- Refer to the installation diagram below.
- Using the supplied screened jack-to-jack lead, connect from the OUTPUT jack socket to the MICROPHONE INPUT socket on your amplifier. Plug the mains power adapter into a suitable mains socket, and plug the lead connector into the DC 12V input socket.



TROUBLE SHOOTING

PROBLEM	POSSIBLE SOLUTION
The radio microphone fails to work	• Check the batteries by switching the microphone ON - the red LED battery condition indicator on the hand-held microphone should come on for a second and then go off. If the red LED is dim, replace the battery. If the red LED on either microphone fails to come on, check the battery polarity or change battery. • Check the POWER indicator on the receiver unit is ON - if not, check the mains power adapter is firmly plugged into a working mains socket. • Check the amplifier system is ON and the microphone controls set correctly. • Check the radio microphone jack lead is firmly connected into the output socket on the rear panel of the receiver unit, and into the MIC input socket your amplifier.
The working range is limited	• Check the batteries condition (see above) • Check the aerials are fully extended. Adjust the position of the aerials to achieve the best reception.
Feedback (howl-round) is heard	• Check that the microphone is not being used too close to, or in front of, the loudspeakers. • Check the settings of the microphone controls on the amplifier, adjust volume and tone to get the best sound without any trace of feedback.

If you find any difficulties or problems operating the Twin Radio Mic, please don't hesitate to call the Acoustic Solutions' Helpline on **+44 (0) 1327 340601**. This helpline is manned from **9:00am to 1:00pm and 2:00pm to 4:30pm (GMT) Monday to Friday**.

SPECIFICATIONS

Operating frequency	174.80 & 173.80 MHz, VHF High Band
Frequency stability	+/- 0.005% quartz controlled
Frequency response	100Hz to 15KHz
Signal-to-noise ratio	Better than 100dBA
THD	Less than 0.5%
Operating range	20 metres, depending on obstacles
Power supply	230V 50Hz to 12V adapter.

CONTACT DETAILS

We trust you are completely satisfied with this product from Acoustic Solutions Limited, however please feel free to contact us if you experience any difficulties, or if you would like to express your views regarding our products.

Please write to:

Acoustic Solutions Limited.
Grand Union Buildings
54 High Street
Weedon
Northampton
NN7 4QD
United Kingdom

Telephone +44 (0)1327 340601
Fax: +44 (0)1327 342298
www.acousticsolutions.co.uk
email: enquiries@acousticsolutions.co.uk

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